



5-28-03

Attorney Docket No. 1039.CO2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Michael F. Miller, Minh Van Le, Christopher C. Cook,
Dale C. Flanders and Steven F. Nagle

APPLICATION NO: 09/954,861 GROUP ART UNIT: 2816

FILED: September 18, 2001 EXAMINER: Hoang, Quoc Dinh

CONFIRMATION NO: 8884

FOR: *Process for Integrating Dielectric Optical Coatings into
Micro-Electromechanical Devices*

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

By:

Deborah Celeste
Deborah Celeste

May 13, 2003
Date

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. X **Submitted herewith is a legible copy of (i) each U.S and foreign patent:** (ii) each publication or that portion which caused it to be listed:
and (iii) all other information or that portion which caused it to be listed.

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a. X Except as may be indicated below in (b), **all of the patents, publications or other information are in the English language** or were cited in an English language Search Report, a copy of which is attached hereto **(concise explanation not required).**
- b. _____ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. _____ The following additional information is provided for the Examiner's consideration:

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)

(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☐ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e)below. or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):

(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. . § 1.17(p).

or

- b. ☒ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that:

- a. X each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

 Please charge Deposit Account No. 501547 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.

 No fee is required.

VII. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.704(d) (PATENT TERM
ADJUSTMENT)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☒ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- ☒ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ the enclosed English language abstract.

Application Serial No: 09/954,861

Filed: September 18, 2001

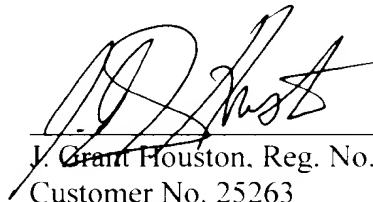
Group Art Unit: 2816

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 501547

Respectfully submitted.

Date:

5/13/03



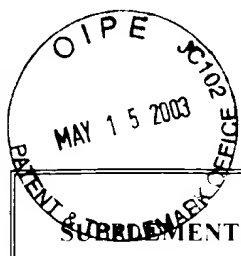
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FORM PTO-1449

SUBPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

ATTY DOCKET NO.

1039.CO2

SERIAL NO.

09 954.861

APPLICANTS: Michael F. Miller, et al.

FILING DATE:
September 18, 2001ART UNIT:
2818

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
	AD	5,949,571	Sept 7 1999	Goossen, et al.	359	291	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
	AG	WO 99 34484	8 July 1999	PCT	H01S		Y
	AH	EP 0 689 078 A1	27 Dec 1995	EPO	G02B	26 08	Y
	AI	EP 0 788 005 A2	6 Aug 1997	EPO	G02B	26 02	Y

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AL	Jerman, J.H., et al., "A Miniature Fabry-Perot Interferometer Fabricated Using Silicon Micromachining Techniques," XP-10079190A, pp. 16-18.
AM	Aratani, K., et al., "Surface micromachined tuneable interferometer array," XP-000454081, pp. 17-23.

Examiner:

Date: